

TL39R

series



Product Segments

- **Ergo Motion**

TL39R is a two-stage, inverted inline column. Constructed with an elegant round profile, it features a slim appearance all while maintaining a high degree of stability. Without any protruding motor housing, it is ideally suited for ergonomic monitor stands, cabinets, or design-oriented motion furniture that requires a clean, elegant appearance.

Features

- Load and speed per column¹²

Code	Load (N)	Self Locking Force (N)	Current (A) with 24V DC		Speed (mm/s) with 24V DC	
	Push		No Load	With Load	No Load	With Load
C	700	700	≤ 2.0	≤ 5.0	42	32

- Retracted length 645mm
- Stroke 430mm
- Outer profile Ø70mm round
- Stages 2-stage, upside down
- Output signals Hall sensor * 2
- Voltage 24V DC
- Color³

 RAL9005
  RAL9006
  RAL9016
  RAL9022
- Product weight 6.2kg /column
- Inline column
- Inverted structure

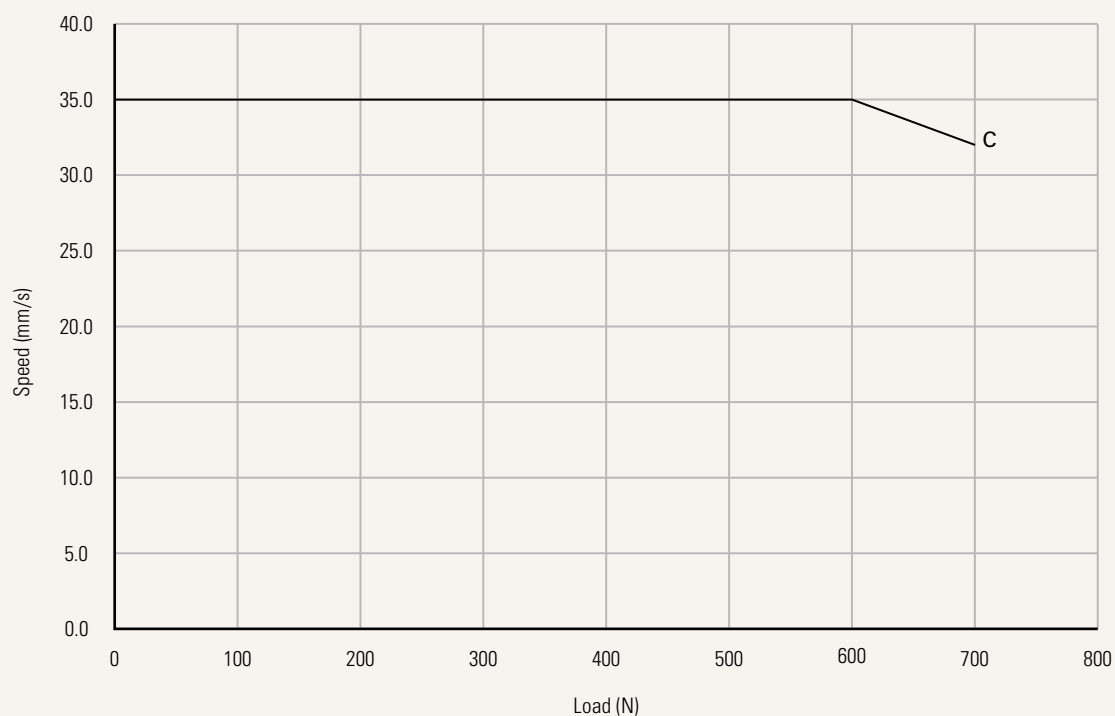
Note

- ¹ The self locking force, current, and speed performance are tested with TiMOTION control boxes.
- ² The parameters are based on average test values; final specifications are subject to the approval drawings.
- ³ For more color options, please consult your sales representative.

Performance Data with Control Box

The following is the performance data of one columns driven by an Ergo Motion control box TC11P. The load is evenly distributed on the work surface.⁴

- TL39R, two columns driven by TC11P



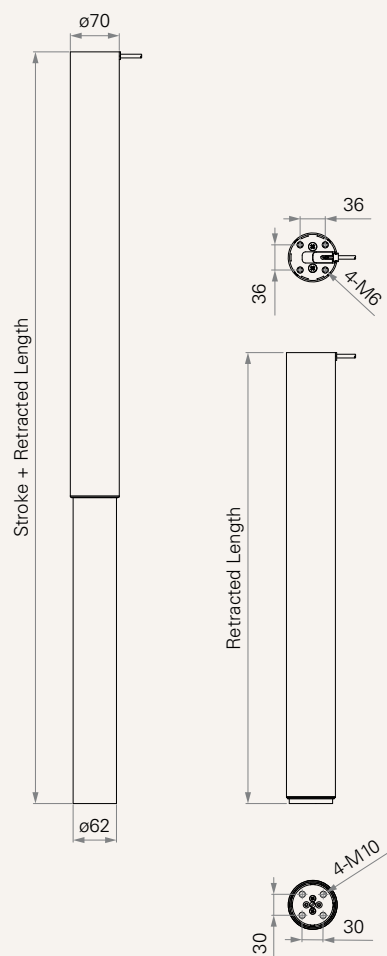
TC11P Spec	Load (N)	Constant Speed (mm/s) with TC11P
75W	700	35

Note

⁴ The corresponding control box software is required.

Drawing

Standard Dimensions
(mm)



Stroke & Retracted Length

Options	Stroke (mm)	Retracted Length (mm)
Standard	430	645

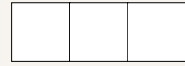
Note

* Only specific TEK could be with the shoes, please refer to TEK speccode.

TL39R Ordering Key

TL39R

Version: 20260504-E



Appearance of Tubes	C = Without wiper fixing holes at sides			
Voltage	2 = 24V DC			
Load and Speed	See page 2			
Stroke & Retracted Length (mm)	430 645 = Standard * Please refer to See page 4 for others.			
Color	1 = Black, RAL 9005	2 = White, RAL 9016	3 = Grey, RAL 9006	4 = Special grey, RAL 9022
Wiper Color	1 = Black	2 = White	3 = Grey	4 = Matte black
Bracket	0 = Without			
Bottom Plate Type See page 6	1 = M10, 30*30, TiMOTION standard		2 = M6, 30*30, TiMOTION standard	
Top Plate Type See page 6	2 = M6, 36*36, TiMOTION standard			
Output Signals	2 = Hall sensor * 2			
Connector	G = Molex 6P, plug, standard		H = Molex 6P, socket	
Cable Length (mm)	1 = Straight, 200, standard			
Extension Cable Connector	0 = Without 1 = Molex 6 pin (plug) to Molex 8 pin (plug), 180° plug 2 = Molex 6 pin (plug) to Din 6 pin (plug) 3 = Molex 6 pin (plug) to Molex 8 pin (plug), 90° plug, without anti-clip 4 = Molex 6 pin (socket) to Molex 8 pin (plug), 180° plug, standard 5 = Molex 6 pin (socket) to Molex 6 pin (plug), 180° plug, standard			
Extension Cable Length (mm)	1 = Straight, 500	3 = Straight, 1000	4 = Straight, 1500	

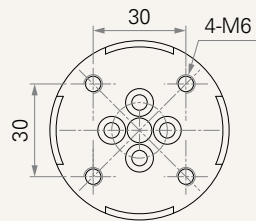
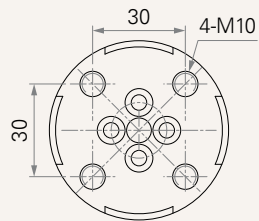
Note

1 The TL is designed especially for push applications, not suitable for pull applications.

Bottom Plate Type

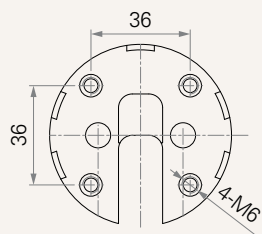
1 = M10, 30*30, TiMOTION standard

2 = M6, 30*30, TiMOTION standard



Top Plate Type

2 = M6, 36*36, TiMOTION standard



Terms of Use

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